

USAMMDA INFORMATION PAPER**PRODUCT: PORTABLE AUTOMATED LABORATORY**

DESCRIPTION: The Portable Automated Laboratory (PAL) is a lightweight clinical laboratory system, which is rugged enough to be fielded. This small automated, lightweight, power efficient laboratory will provide the capability for analysis and determination of blood gases and other fluid properties, and permit early diagnosis intervention

PROGRAM RELEVANCE to the ARMY: This product supports both the core mission of the Army and the Army Campaign Plan. In any military conflict or civilian disaster, it is an unfortunate fact that there will be casualties, which will require Laboratory tests to determine the full extent of the injury or type of biological contaminant. Of the Army's core competencies, this product supports "Prompt Response," "Sustained Land Dominance," and "Support Civil Authorities." The PAL is able to provide a critically needed treatment capability to U.S. and allied Forces. In this capacity, the PAL is intended to save soldiers' lives and greatly reduce the battlefield footprint and power requirements and supports Future Operational Capabilities: MD-02-001 Clearing the Battlefield, MD-02-002 Hospitalization, MD-02-003 Medical Force Protection, and MD-02-004 Combat Health Logistics.

ISSUES/ACTIONS:

- This developmental effort received \$2.5 million in FY04 Congressional funding. These funds will be used to produce the system design and initiate prototype production. A proposal for the FY04 funding is pending.
- A design review will be held early in 4QFY04.

ADDITIONAL INFORMATION:**BPL #** 451**DA PROJECT/TASK:** Trauma Management – 63807/MD7**MAMP RANK:** Not Ranked**ARMY ORD:** Not required. This product was established by Congressional language.**SCHEDULE:**

Contract Award	3QFY04
Product Review	4QFY04
Prototype Delivery	3QFY05
FDA Submission	4QFY05

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